

CROSS-CURRICULAR COMPETENCIES

A cross-curricular competency is an interrelated set of attitudes, skills and knowledge that are drawn upon and applied to a particular context for successful learning and living. They are developed by every student, in every grade and across every subject/discipline area.

- A. Know how to learn
- B. Think critically
- C. Identify and solve complex problems
- D. Manage information

E. Innovate

- F. Create opportunities
- G. Apply multiple literacies
- H. Demonstrate good communication skills and the ability to work cooperatively with others
- I. Demonstrate global and cultural understanding
- J. Identify and apply career and life skills

Innovate...

create, generate and apply
new ideas or concepts

STUDENTS WHO INNOVATE ARE:

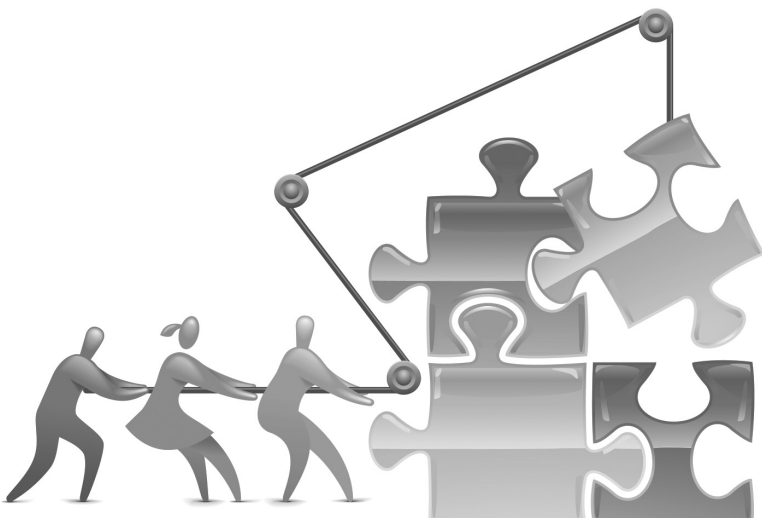
*adaptable creative
curious
optimistic resilient
resourceful
risk takers*



KEY UNDERSTANDINGS

Alberta students are resourceful, optimistic, curious, and open to new and diverse ideas or concepts. Drawing on their entrepreneurial spirit, students:

- identify situations or challenges that would benefit from innovation;
- are motivated to engage in a range of creative processes;
- recognize and accept mistakes as opportunities to learn;
- take risks in exploring ways to create value and achieve excellence;
- adapt in response to challenges; and
- persevere with discipline, confidence, and tenacity to implement innovative processes, products or services.



IMPLICATIONS FOR ENABLING STUDENTS TO INNOVATE

Teachers design learning opportunities that...

- are interdisciplinary and encourage student inquiry and understanding, as well as creativity and imagination
- integrate technology and assistive technology into the learning environment to support all learners' innovation
- provide diverse approaches to assessment, including the use of qualitative measures

What other implications for designing learning opportunities can you identify?

While creating, generating and applying innovative concepts, students:

- recognize the need to be flexible and adaptable
- demonstrate optimism, resiliency and perseverance when dealing with change
- explore a variety of techniques, strategies and processes
- access and select relevant materials and resources
- experiment with models, prototypes or simulations
- demonstrate the confidence to implement creative or innovative ideas

What other implications for student learning can you identify?

QUESTIONS FOR REFLECTION AND DISCUSSION ?

- What are your thoughts and experiences around the role that creativity plays in student learning?
- How can technology or assistive technology support learning innovation? What are some ways you would like to expand your repertoire in this area?



FOR MORE INFORMATION

- Alberta Education. (2010). Inspiring education: A dialogue with Albertans. Retrieved from <http://education.alberta.ca/media/7145083/inspiring%20education%20steering%20committee%20report.pdf>
- Alberta Education Curriculum Redesign website. Retrieved from <http://education.alberta.ca/department/ipr/curriculum.aspx>
- Alberta Education. (2013). Ministerial order on student learning. Retrieved from <http://education.alberta.ca/department/policy/standards/goals.aspx>



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